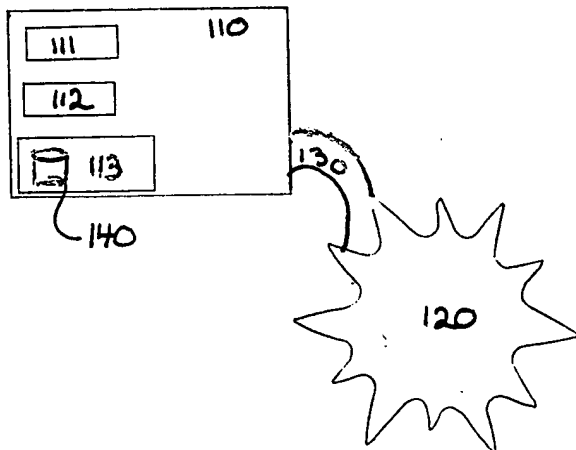


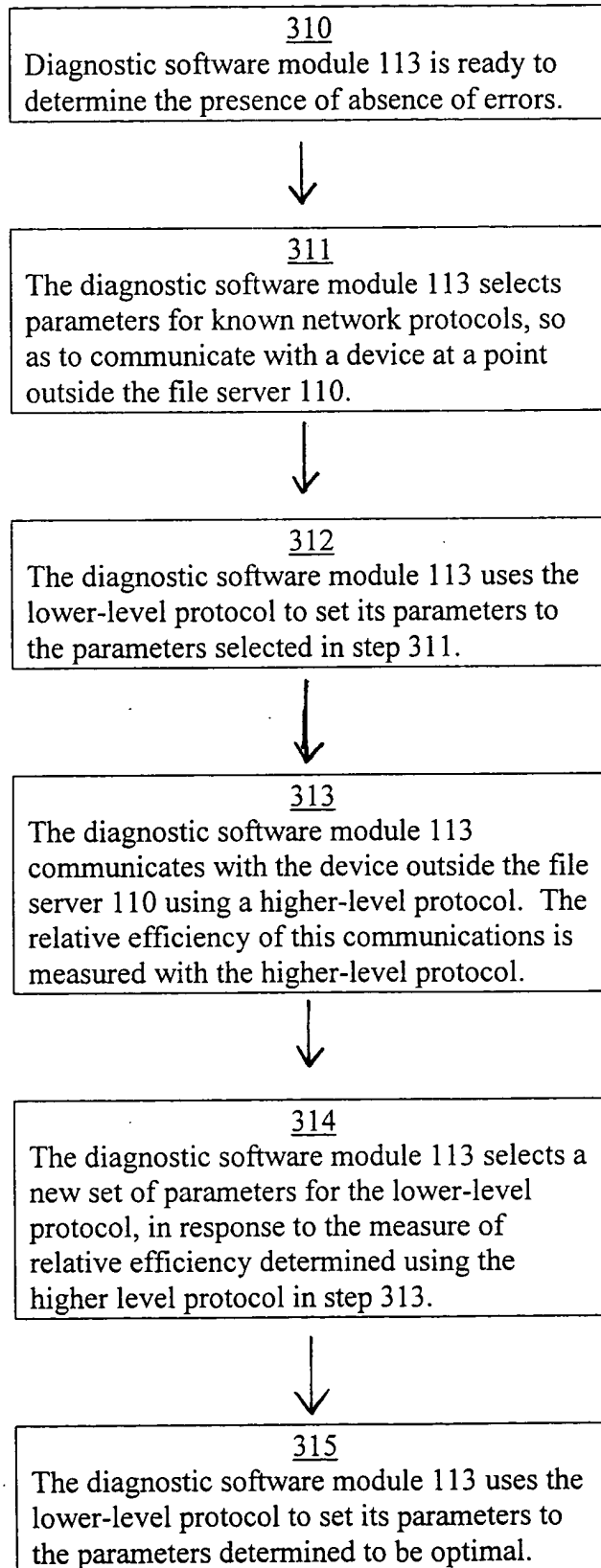
100

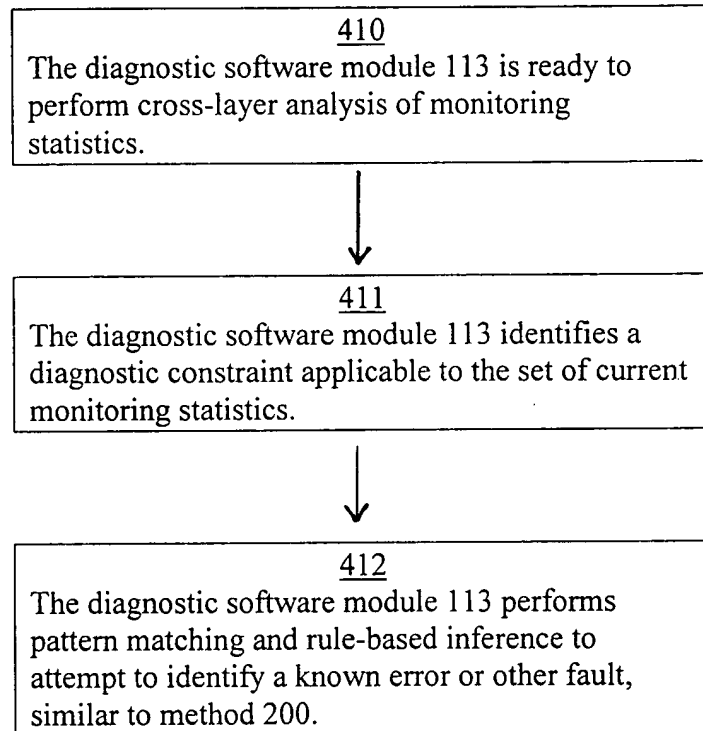
042



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510

The diagnostic software module 113 is ready to perform tracking of hardware and software.



511

The diagnostic software module 113 identifies a past hardware or software configuration for the file server, recorded in the database 140, or otherwise and a present hardware or software configuration in the file server, recorded in the database 140, or otherwise.



512

The diagnostic software module 113 identifies a set of differences between the past configuration and the present configuration.



513

The diagnostic software module 113 applies diagnostic constraints from the set of current monitoring statistics to the set of possible errors or faults so as to determine which errors or faults are most likely.



514

The diagnostic software module 113 applies diagnostic constraints from the set of current monitoring statistics to the set of possible errors or other faults so as to determine which errors or other faults are most likely.



515

The diagnostic software module 113 uses the determination, in step 514 to suggest activities to reverse the hardware or software configuration changes so as to place the server in an operating state.